

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2976-4032		SERIAL NO. <u>594996</u> <u>To Be Assigned</u>	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Stuart B. Rosenblum et al.			
				FILING DATE To Be Assigned		GROUP ART UNIT To Be Assigned	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<u>MM</u>		4,876,365	10/24/89	Kirkup et al.	<u>549</u>	<u>215</u>	
<u>MM</u>		5,661,145	8/26/97	Davis, H.	<u>514</u>	<u>210</u>	
<u>MM</u>		5,688,787	11/18/97	Burnette et al.	<u>540</u>	<u>200</u>	
<u>MM</u>		5,728,827	3/17/98	Thiruvengadam et al.	<u>540</u>	<u>200</u>	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<u>MM</u>		2046823	03/30/72	DE			
<u>MM</u>		0 333 268 A1	09/20/89	EP			
<u>MM</u>		0 415 487 A2	03/06/91	EP			
<u>MM</u>		0 462 667 A2	12/27/91	EP			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)							
<u>MM</u>	A	Simova, E. "Aldol-type addition of hydrocinnamic acid esters to benzylideneaniline", Chemical Abstracts No. 15, Vol. 86, April 11, 1977, <u>Abstract 106130h</u>					
<u>MM</u>	B	Otto et al., "Stereochemistry of dehydration and halogenation of αR^* and αS^* isomeric 3-(α -hydroxybenzyl)-1,4-diphenyl-2-azetidinones, Chemical Abstracts No. 19, Vol. 99, November 7 1983 <u>Abstract 158083h</u>					
<u>MM</u>	C	Nobuki, O. et al. "Stereoselective syntheses of β -lactam derivatives by ultrasound promoted Reformatskii reaction" Chemical Abstracts No. 106, Vol. 17, April 27, 1977 <u>Abstract 138174y</u>					
EXAMINER <u>Mark Bark</u>				DATE CONSIDERED <u>3/12/01</u>			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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	APPLICANT Stuart B. Rosenblum et al.	
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U.S. PATENT DOCUMENTS

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<u>MB</u>	4,375,475	03/01/83	Willard et al.	<u>424</u>	<u>279</u>	
<u>MB</u>	4,680,391	07/14/87	Firestone et al.	<u>540</u>	<u>355</u>	
<u>MB</u>	4,983,597	01/08/91	Yang et al.	<u>540</u>	<u>200</u>	
<u>MB</u>	5,030,628	07/09/91	Joyeau et al.	<u>54</u>	<u>210</u>	

FOREIGN PATENT DOCUMENTS

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						YES	NO
<u>MB</u>	0 524 595 A1	01/27/93	EP	<u>—</u>	<u>—</u>		
<u>MB</u>	0 199 630 A1	10/29/86	EP	<u>—</u>	<u>—</u>		
<u>MB</u>	0 264 231 A1	04/20/88	EP	<u>—</u>	<u>—</u>		
<u>MB</u>	0337 549 A1	10/18/89	EP	<u>—</u>	<u>—</u>		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

<u>MB</u>	D	T. Durst et al., 1971, "Metallation of N-Substituted β -Lactams. A Method for the Introduction of 3-Substituents into β -Lactams" <i>Canadian Journal of Chemistry</i> , 50:3196-3201.
<u>MB</u>	E	C. Allain et al., 1974, "Enzymatic Determination of Total Serum Cholesterol" <i>Clinical Chemical</i> , 20:470-475.
<u>MB</u>	F	R. Mayrhofer et al. 1980, "Simple Preparation of 3-Benzylidene-2-azetidinones" <i>Synthesis</i> , 247-248.

EXAMINER <u>Mark B. Ben</u>	DATE CONSIDERED <u>3/12/01</u>
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>MB</i>	5,099,034	03/24/92	Yoshida et al.	<i>549</i>	<i>265</i>	
<i>MB</i>	5,120,729	06/09/92	Chabala et al.	<i>514</i>	<i>210</i>	
<i>MB</i>	5,229,381	07/20/93	Doherty et al.	<i>514</i>	<i>210</i>	
<i>MB</i>	5,229,510	07/20/93	Knight et al.	<i>540</i>	<i>360</i>	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>CA</i>	WO 93/02048	02/04/93	PCT				
<i>MB</i>	WO 94/17038	08/04/94	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

<i>MB</i>	<i>G</i>	M. Hoekman et al., 1982, "Synthesis of Homologues of 4,5-Dihydroxy- and 4-Hydroxy-5-oxohexanoic Acid γ -Lactones", <i>J. Agric. Food Chem.</i> , 30:920-924.
<i>MB</i>	<i>H</i>	H. Otto et al., 1983, "Darstellung und Stereochemie von 3-(α -Hydroxybenzyl)-1,4-diphenyl-2-azetidononen", <i>Liebigs Ann. Chem.</i> 1152-1161.
<i>MB</i>	<i>I</i>	G. Georg et al., 1985 "3-(1'-Hydroxyethyl)-2-Azetidinones From 3-Hydroxybutyrates and N-Arylaldimines" <i>Tetrahedron Letters</i> , Vol. 26, No. 33 pp. 3903-3906.

EXAMINER

Mark Beer

DATE CONSIDERED

3/12/01

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<i>MB</i>		5,350,868	09/27/94	Yoshida et al.	554	154	
<i>MB</i>		5,348,953	09/20/94	Doherty et al.	514	210	
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<i>MB</i>	I	Hart et al., 1985 "An Enantioselective Approach to Carbapenem Antibodies: Formal Synthesis of (+)-Thienamycin" <i>Tetrahedron Letters</i> , Vol. 26, No. 45 pp. 5493-5496.					
<i>MB</i>	K	Panfil, I. et al., 1986, "Synthesis of β -Lactams from α,β -Unsaturated Sugar δ -Lactones" <i>Heterocycles</i> 24:1609-1617.					
<i>MB</i>	L	D. Roger Illingworth, 1988, "An Overview of Lipid-Lower Drugs" <i>Drugs</i> 36:63:71.					
EXAMINER <i>Mark V Baer</i>				DATE CONSIDERED 3/12/01			
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)							
<u>MB</u>		<u>M</u>	Joseph L. Witztum, M.D., 1989, "Current Approaches to Drug Therapy for the Hypercholesterolemic Patient" <i>Circulation</i> 80:1101-1114.				
<u>MB</u>		<u>N</u>	B. Ram et al., 1990, "Potential hypolipidemic agents: Part V†-Synthesis biological activity of new ethyl 4-(2-oxoazetidin-4-yl)phenoxyalkanoates‡" <i>Indian Journal of Chemistry</i> 29B:1134-1137.				
<u>MB</u>		<u>O</u>	Schnitzer-Polokoff, R. et al. 1991, "Effects of Acyl-CoA:Cholesterol O-Acyltransferase Inhibition on Cholesterol Absorption and Plasma Lipoprotein Composition in Hamsters" <i>Comp. Biochem. Physiol.</i> 99A:665-670.				
EXAMINER <u>Mark Uebel</u>				DATE CONSIDERED <u>3/12/01</u>			
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FOREIGN PATENT DOCUMENTS

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							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

<u>MB</u>	P		Horie, M. et al. 1991, "Hypolipidemic effects of NB-598 in dogs" <i>Atherosclerosis</i> 88:183-192.
<u>MB</u>	Q		Baxter, A., 1992, "Squalestatin 1, a Potent Inhibitor of Squalene Synthase, Which Lowers Serum Cholesterol <i>in Vivo</i> ," <i>The Journal of Biological Chemistry</i> 267:11705-11708.
<u>MB</u>	R		Summary Factfile, May 1992, "Anti-Atherosclerotic Agents" Current Drugs Ltd. <u>pages A5-A23</u>
<u>MB</u>	S		Harwood, H. James, 1993, "Pharmacologic consequences of cholesterol absorption inhibition: alteration in cholesterol metabolism and reduction in plasma cholesterol concentration induced by the synthetic saponin β -tigogenin cellobioside (CP-88818; tiqueside) ¹ " <i>Journal of Lipid Research</i> 34:377-395.

EXAMINER <u>Mark Bond</u>	DATE CONSIDERED <u>3/12/01</u>
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

<u>1/m</u>	<u>T</u>	Salisbury, B. et al., 1995, "Hypocholesterolemic activity of a novel inhibitor of cholesterol absorption, SCH 48461" <i>Atherosclerosis</i> 115:45-63.
<u>1/m</u>	<u>u</u>	Burrier, R.E. et al., 1994, "Demonstration of a Direct Effect on Hepatic Acyl CoA:Cholesterol Acyl Transferase (ACAT) Activity By An Orally Administered Enzyme Inhibitor in the Hamster", <i>Biochemical Pharmacology</i> 47:1545-1551.
<u>MB</u>	<u>v</u>	Burrier, R.E. et al., 1994, "The Effect of Acyl CoA:Cholesterol Acyltransferase Inhibition on the Uptake, Esterification and Secretion of Cholesterol by the Hamster Small Intestine", <i>The Journal of Pharmacology and Experimental Therapeutics</i> 272:156-163.

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							YES	NO

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MB	W		Clader, J.W. et al., 1995, "Substituted (1,2-Diarylethyl)amide Acyl-CoA:Cholesterol Acyltransferase Inhibitors: Effect of Polar Groups <i>in Vitro</i> and <i>in Vivo</i> Activity" <i>Journal of Medicinal Chemistry</i> 38:1600-1607.
MB	X		Sybertz, E. 1995, "SCH 48461, a novel inhibitor of cholesterol absorption" <i>Atherosclerosis</i> pp. 311-315.

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